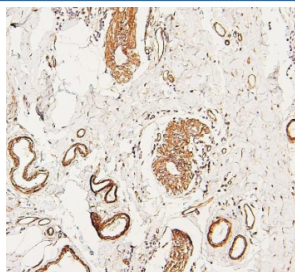


LPP Antibody (RQ5589)

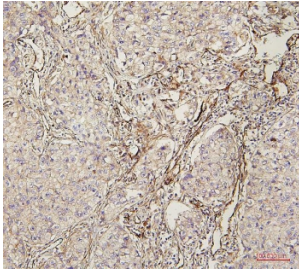
Catalog No.	Formulation	Size
RQ5589	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

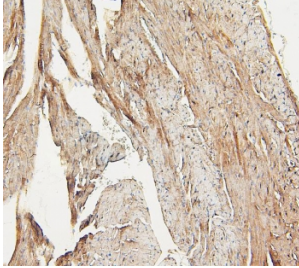
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q93052
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This LPP antibody is available for research use only.



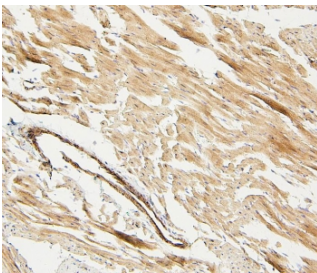
IHC staining of FFPE human breast cancer with LPP antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.



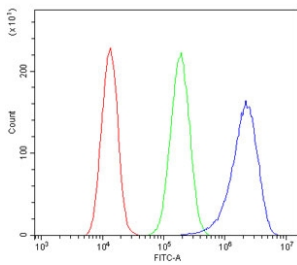
IHC staining of FFPE human lung cancer with LPP antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.



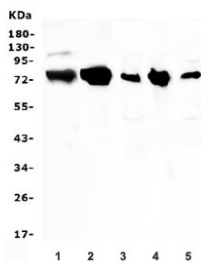
IHC staining of FFPE mouse heart with LPP antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.



IHC staining of FFPE rat heart with LPP antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.



Flow cytometry testing of human A549 cells with LPP antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= LPP antibody.



Western blot testing of 1) human placenta, 2) rat ovary, 3) rat heart, 4) mouse ovary and 5) mouse heart lysate with LPP antibody. Predicted molecular weight: ~66 kDa but is routinely observed at 80~85 kDa.

Description

LPP (Lim Domain-Containing Preferred Translocation Partner in Lipoma), is a protein that in humans is encoded by the LPP gene. Petit et al. (1996) commented that the LPP-encoded protein should be classified as a novel member of the group 3 proteins of the LIM protein gene family. By partial cDNA cloning, Petit et al. (1996) established features of the genetic organization of LPP. The gene was found to span a genomic region of over 400 kb. By FISH and Southern blot analyses, Daheron et al. (2001) identified a rearrangement in the mixed lineage leukemia gene due to a novel t(3;11)(q28;q23) translocation in a patient who developed acute myeloid leukemia of the M5 type 3 years after treatment for a follicular lymphoma.

Application Notes

Optimal dilution of the LPP antibody should be determined by the researcher.

Immunogen

A human recombinant protein (amino acids K10-C572) was used as the immunogen for the LPP antibody.

Storage

After reconstitution, the LPP antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.